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AP - SU19874247789 19870525

CPY - LEMI

- SYZR-R

DC - Q35

FS - GMPI

IC - B65G43/06

IN - GLEBOV V S; KOZLOV E M; TARASOV Y U D

PA - (LEMI) LENGD PLEKHANOV MINE

- (SYZR-R) SYZRANSK TURBO CONS

PN - SU1467005 A 19890323 DW198949 005pp

PR - SU19874247789 19870525

XIC - B65G-043/06

XP - N1989-276283

AB - SU1467005 The device comprises two pairs of friction plates, which grip the working section and the idel section of the conveyor belt as soon as a detector indicates a broken belt.

- Friction plates (8,14) are fixed to the pivoted arm (4), which is mounted on the conveyor frame (1). The arm is retained by the catch (10), until released by the detector on belt failure. The arm then rotates, under the load of the counterbalance weight (9), so that the working section (5) of the belt is trapped between the curved friction plates (8,11). Simultaneously Simultaneously, the idle section (16) of the belt is trapped between the friction plate (14) and the horizontal bar (20) which is suspended from the arm (4) by hinged links. The links are retained in a vertical plane by a spring. The friction plate (14) has a spiral surface profile.

- USE - To improve the reliability, when used on an inclined conveyor.
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IW - DEVICE TRAP BREAK CONVEYOR BELT FRICTION PLATE PIVOT ARM GRIP BELT ARM ROTATING BELT FAIL

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INW - GLEBOV V S; KOZLOV E M; TARASOV Y U D

NC - 001

OPD - 1987-05-25

ORD - 1989-03-23

PAW - (LEMI) LENGD PLEKHANOV MINE

- (SYZR-R) SYZRANSK TURBO CONS

TI - Device for trapping broken conveyor belt - has friction plates on pivoted arm which grip belt as arm rotates on belt failure

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